## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060042999").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 08:37
S2	20	(("2940920") or ("5843303") or ("5192421") or ("4160718") or ("4424112") or ("4347118") or ("3925189") or ("6357526") or ("4875998") or ("4814067") or ("4404095") or ("3785782") or ("4419221") or ("4828679") or ("3647682") or ("3758403") or ("RE33728")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 11:44
S3	8	("3637483"   "3975396"   "4454023").PN. OR ("5192421"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 16:47
S4	9000	208/39,40,41,42,43,44,45,106,107, 108,113,133,134,309,390,251R, 251H.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 17:49
S5	1177	422/139,140.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:49
S6	<b>.</b> 4	fluidized with metal with (DAO or deasphalt\$)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:50
S7	1488	208/251R,251H.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:57
S8	51267	asphalt\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:57
S9	593	S7 and S8	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:57
S10	<b>9823</b>	solvent and (bitumen or bituminous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 16:59
S11	82	S9 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 17:03
S12	77	S11 and crack\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 17:10
S13	51	S12 and (DAO or deasphalt\$)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 17:11

## **EAST Search History**

S14	485	208/309.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 17:49
S15	79	S7 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 17:58
S16	50	S15 and crack\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 18:26
S17	3	rashid.in. and iqbal.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 18:27
S18	1	("6843906").PN.	USPAT; USOCR	OR	OFF	2007/05/23 18:29
S19	2	(("5306418") or ("5289976")).PN.	USPAT; USOCR	OR	OFF	2007/05/23 18:29
S20	9	(hydrodemetalization or hydrodemetalisation or hydrodemetallization or hydrodemetallisation or HDM) with (fluidized or FCC)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 08:42
S21	11	(gasification or gasify or gasifier) with asphaltene with hydrogen	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 09:09
SŽ2	1	("20030116470").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 08:56
S23	1	("6241874").PN.	USPAT; USOCR	OR .	OFF	2007/05/24 09:13
S24	1	("20050183989").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 09:15
S25	1	("6533925").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 09:16
S26	1	("20060042999").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 09:16
S27	1	(high adj lift) with deasphalting	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 11:45
S28	1	(high adj lift) same solvent same deasphalting	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 11:45
S29	11	(high adj lift) same solvent	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 12:57

## **EAST Search History**

S30	60	makoto.in. and inomata.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 12:58
S31	89	makoto.in. and inomata.in.	JPO	OR	ON	2007/05/24 12:58
S32	4540	refining.ti.	JPO	OR	ON	2007/05/24 12:58
S33	.1	S31 and S32	JPO	OR	ON	2007/05/24 15:23
S34	2	(("5192421") or ("20040168956")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 15:24
S35	197919	sand	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 15:24
S36	0	S34 and S35	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 15:24
S37	3589	208/45,86,113,309,390,251R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 15:53
S38	375	422/140.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 15:54
S39	148	asphaltene.clm. and (solvent or DAO).clm. and (fluid\$6 or FCC).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 15:55
S40	37	S37 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 15:55
S41	0	S38 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 15:55

1/26/2008 4:02:35 PM C:\Documents and Settings\rboyer1\My Documents\EAST\Workspaces\10711176.wsp Page 3